

MAY 18 2006

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**SCULLY, SCOTT, MURPHY
& PRESSER****Fax**

To: Examiner: Matthew E. Warren
Art Unit: 2815

From: Leslie S. Szivos, Ph.D.

Fax: 571-273-8300

Pages: 14 pages including fax cover sheet

Phone:

Date: 5/18/2006

Re: U.S. Patent Appln. 10/787,002
Filed: February 25, 2004
Docket: YOR920030635US1 (17343)
Confirmation No. 3930

CC:

RESPONSE TO OFFICE ACTION

Please see the following documents:

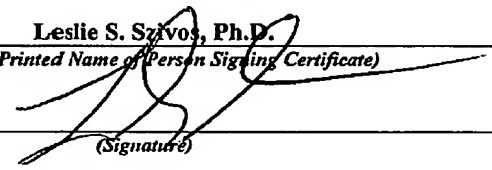
1. Amendment Transmittal (in duplicate)
2. Authorization to charge IBM deposit account
3. Response Under 37 C.F.R. §1.111 (10 pages)
4. Certificate of transmission by facsimile dated May 18, 2006

If you have any questions concerning this facsimile please contact Vivian Henriquez at 516-742-4343.
Thank you.

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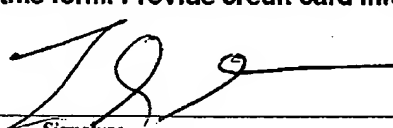
MAY 18 2006

CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8) Applicant(s): Herbert L. Ho, et al.			Docket No. YOR920030635US1 (17343)
Application No. 10/787,002	Filing Date February 25, 2004	Examiner Matthew E. Warren	Group Art Unit 2815
Invention: ULTRA-THIN SOI VERTICAL BIPOLAR TRANSISTORS WITH AN INVERSION COLLECTOR ON THIN-BURIED OXIDE (BOX) FOR LOW SUBSTRATE-BIAS OPERATION AND METHODS THEREOF			
<p>I hereby certify that this <u>RESPONSE UNDER 37 C.F.R. § 1.111</u> (Identify type of correspondence)</p> <p>is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>571-273-8300</u>)</p> <p>on <u>May 18, 2006</u> (Date)</p> <p style="text-align: right;"><u>Leslie S. Szivos, Ph.D.</u> (Typed or Printed Name of Person Signing Certificate)</p> <p style="text-align: right;"> (Signature)</p>			
Note: Each paper must have its own certificate of mailing.			

P18/REV02

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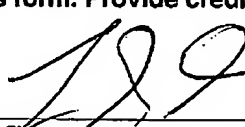
MAY 18 2006

AMENDMENT TRANSMITTAL LETTER (Large Entity)					Docket No. YOR920030635US1 (17343)	
Applicant(s): Herbert L. Ho, et al.						
Application No. 10/787,002	Filing Date February 25, 2004	Examiner Matthew E. Warren	Customer No. 23389	Group Art Unit 2815	Confirmation No. 3930	
Invention: ULTRA-THIN SOI VERTICAL BIPOLAR TRANSISTORS WITH AN INVERSION COLLECTOR ON THIN-BURIED OXIDE (BOX) FOR LOW SUBSTRATE-BIAS OPERATION AND METHODS THEREOF						
COMMISSIONER FOR PATENTS:						
Transmitted herewith is an amendment in the above-identified application.						
The fee has been calculated and is transmitted as shown below.						
CLAIMS AS AMENDED						
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE	
TOTAL CLAIMS	31 -	31 =	0	x \$50.00	\$0.00	
INDEP. CLAIMS	3 -	3 =	0	x \$200.00	\$0.00	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00	
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00	
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 50-0510/IBM <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038.						
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
 Signature			Dated: May 18, 2006			
Leslie S. Szivos, Ph.D. Registration No. 39,394 SCULLY, SCOTT, MURPHY & PRESSER, P.C. 400 Garden City Plaza - Suite 300 Garden City, New York 11530			<div style="border: 1px solid black; padding: 5px;"> I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____ (Date) _____ Signature of Person Mailing Correspondence _____ Typed or Printed Name of Person Mailing Correspondence </div>			
CC:						

P11LARGE/REV09

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AMENDMENT TRANSMITTAL LETTER (Large Entity)					Docket No. YOR920030635US1 (17343)									
Applicant(s): Herbert L. Ho, et al.														
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CLAIMS AS AMENDED														
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TOTAL CLAIMS	31 -	31 =	0	x \$50.00	\$0.00									
INDEP. CLAIMS	3 -	3 =	0	x \$200.00	\$0.00									
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00									
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00									
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 50-0510/IBM <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038.														
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.														
 _____ <i>Signature</i>			Dated: May 18, 2006											
Leslie S. Szivos, Ph.D. Registration No. 39,394 SCULLY, SCOTT, MURPHY & PRESSER, P.C. 400 Garden City Plaza - Suite 300 Garden City, New York 11530			<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____</td> </tr> <tr> <td style="text-align: center;">(Date)</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: center;">_____ <i>Signature of Person Mailing Correspondence</i></td> </tr> <tr> <td colspan="2" style="text-align: center;">_____ <i>Typed or Printed Name of Person Mailing Correspondence</i></td> </tr> </table>				I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____		(Date)		_____ <i>Signature of Person Mailing Correspondence</i>		_____ <i>Typed or Printed Name of Person Mailing Correspondence</i>	
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Herbert L. Ho, et al. **Examiner:** Matthew E. Warren
Serial No: 10/787,002 **Art Unit:** 2815
Filed: February 25, 2004 **Docket:** YOR920030635US1 (17343)
Dated: May 18, 2006
For: ULTRA-THIN SOI VERTICAL BIPOLAR TRANSISTORS WITH
AN INVERSION COLLECTOR ON THIN-BURIED OXIDE (BOX)
FOR LOW SUBSTRATE-BIAS OPERATION AND METHODS
THEREOF

Confirmation No. 3930

Mail Stop Amendment
Commissioner for Patents
United States Patent Office
Alexandria, VA 22313-1450

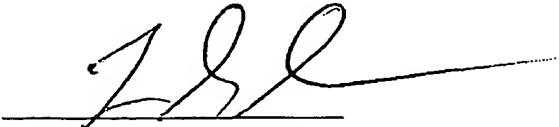
RESPONSE UNDER 37 C.F.R. § 1.111

Sir:

In response to the Office Action dated February 21, 2006, Applicants submit the following remarks for entry of record in the above-identified patent application.

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this document is being filed in the United States Patent and Trademark Office on the date shown below via facsimile transmission to Mail Stop Amendment, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 at United States Patent and Trademark Office facsimile transmission number (571) 273-8300.

Dated: May 18, 2006
Leslie S. Szivos, Ph.D.

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